

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 07-2005)		EXPRESS MAIL NUMBER EV642786947US	ATTORNEY'S DOCKET NUMBER 187732/US
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	
INTERNATIONAL APPLICATION NO. PCT/FR2004/02848		INTERNATIONAL FILING DATE November 5, 2004	PRIORITY DATE CLAIMED November 6, 2003
TITLE OF INVENTION OPTIMISED MICRO-ORGANISM STRAINS FOR NADPH-CONSUMING BIOSYNTHETIC PATHWAYS			
APPLICANT(S) FOR DO/EO/US GWÉNAËLLE BESTEL-CORRE, CÉDRIC BOISART, MICHEL CHATEAU, BENJAMIN GONZALEZ, PHILIPPE SOUCAILLE, RAINER FIGGE AND OLIVIER ZINK			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other			
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> had been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 			
Items 11 to 20. below concern document(s) or information included:			
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4) 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: A copy of International Publication WO2005/047498, verification of translation, PCT/ISA/210, PCT/IB/301, PCT/IB/304, PCT/IB/308, PCT/IB/306, PCT/RO/101, Claim for Priority and Statement under 37 CFR 1.821(f) 			

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER																									
101577084		PCT/FR2004/02848		187732/US																									
21. The following fees have been submitted:				CALCULATIONS PTO USE ONLY																									
<input checked="" type="checkbox"/> a) Basic national fee (37 CFR 1.492(a))..... \$300.00				\$ 300.00																									
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4)..... \$0.00																													
All other situations..... \$200.00				\$ 200.00																									
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)--4)..... \$0.00																													
Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00																													
International Search Report prepared and provided to the Office \$400.00																													
All other situations \$500.00				\$ 400.00																									
TOTAL OF 21, 22 and 23 =				\$ 900.00																									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																													
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE																									
- 100	/50 =			x \$250.00																									
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$																									
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th colspan="2">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>13 -20 =</td> <td>0</td> <td>x</td> <td>\$50.00</td> </tr> <tr> <td>Independent claims</td> <td>2 -3 =</td> <td>0</td> <td>x</td> <td>\$200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+</td> <td>\$360.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$900.00</td> </tr> </tbody> </table>					CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total claims	13 -20 =	0	x	\$50.00	Independent claims	2 -3 =	0	x	\$200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+	\$360.00	TOTAL OF ABOVE CALCULATIONS =				\$900.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																										
Total claims	13 -20 =	0	x	\$50.00																									
Independent claims	2 -3 =	0	x	\$200.00																									
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+	\$360.00																									
TOTAL OF ABOVE CALCULATIONS =				\$900.00																									
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$450.00																									
SUBTOTAL =				\$450.00																									
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$																									
TOTAL NATIONAL FEE =				\$450.00																									
Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$																									
TOTAL FEES ENCLOSED =				\$450.00																									
				Amount to be refunded: \$																									
				charged: \$																									

1AP20 Rec'd PTO 24 APR 2006

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) 101577084	INTERNATIONAL APPLICATION NO. PCT/FR2004/02848	ATTORNEY'S DOCKET NUMBER 187732/US									
<p>a. <input checked="" type="checkbox"/> A check in the amount <u>\$450.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-2054</u> In the amount of <u>\$</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-2054</u> A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>											
SEND ALL CORRESPONDENCE TO: CUSTOMER NUMBER 30873											
<table border="1"><tr><td>Janet M. MacLeod Dorsey & Whitney LLP Intellectual Property Department 250 Park Avenue New York, New York 10177</td><td> Signature</td><td>April 25, 2006 Date</td></tr><tr><td></td><td>Name 35,263</td><td></td></tr><tr><td></td><td>Registration Number</td><td></td></tr></table>			Janet M. MacLeod Dorsey & Whitney LLP Intellectual Property Department 250 Park Avenue New York, New York 10177	 Signature	April 25, 2006 Date		Name 35,263			Registration Number	
Janet M. MacLeod Dorsey & Whitney LLP Intellectual Property Department 250 Park Avenue New York, New York 10177	 Signature	April 25, 2006 Date									
	Name 35,263										
	Registration Number										

FORM PTO-1390 (REV. 7-2005)

Page 3 of 3